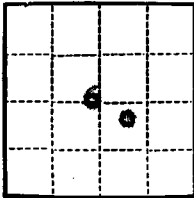


Form 9-381a  
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. 070555  
Unit Lease

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gov't. Well No. 3 September 17, 1960

Well No. 3 is located 1875 ft. from ~~XXX~~ [S] line and 1800 ft. from ~~XXX~~ [E] line of sec. 6

SE NW SE sec. 6      2N      6E      S. L. M.  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Chalk Creek Area      Summit      Utah  
(Field)      (County or Subdivision)      (State or Territory)

to follow

The elevation of the derrick floor above sea level is 1 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We would like permission to drill the subject well to an approximate depth of 1500' for use as an observation well for our proposed gas storage project in the Chalk Creek area. This well will be drilled in the Kelvin formation. We will run and cement about 175' of 10-3/4" OD, 32.75#, H-40 8rmd thd STAC casing, using sufficient cement to cement the casing to surface. At a depth of about 1330', a string of 7" OD, 20#, J-55, 8rmd thd STAC casing will be run and cemented with sufficient cement to protect and isolate the observation sands in open hole below the casing point and total depth.

By copy of this notice of intention to the State of Utah, Oil & Gas Conservation Commission, we are requesting their approval of the subject well and request an exception to Rule C-3 (b) because of (1) geological conditions and (2) Mountain Fuel Supply Company is the owner of all oil and gas leases within 660' of the proposed

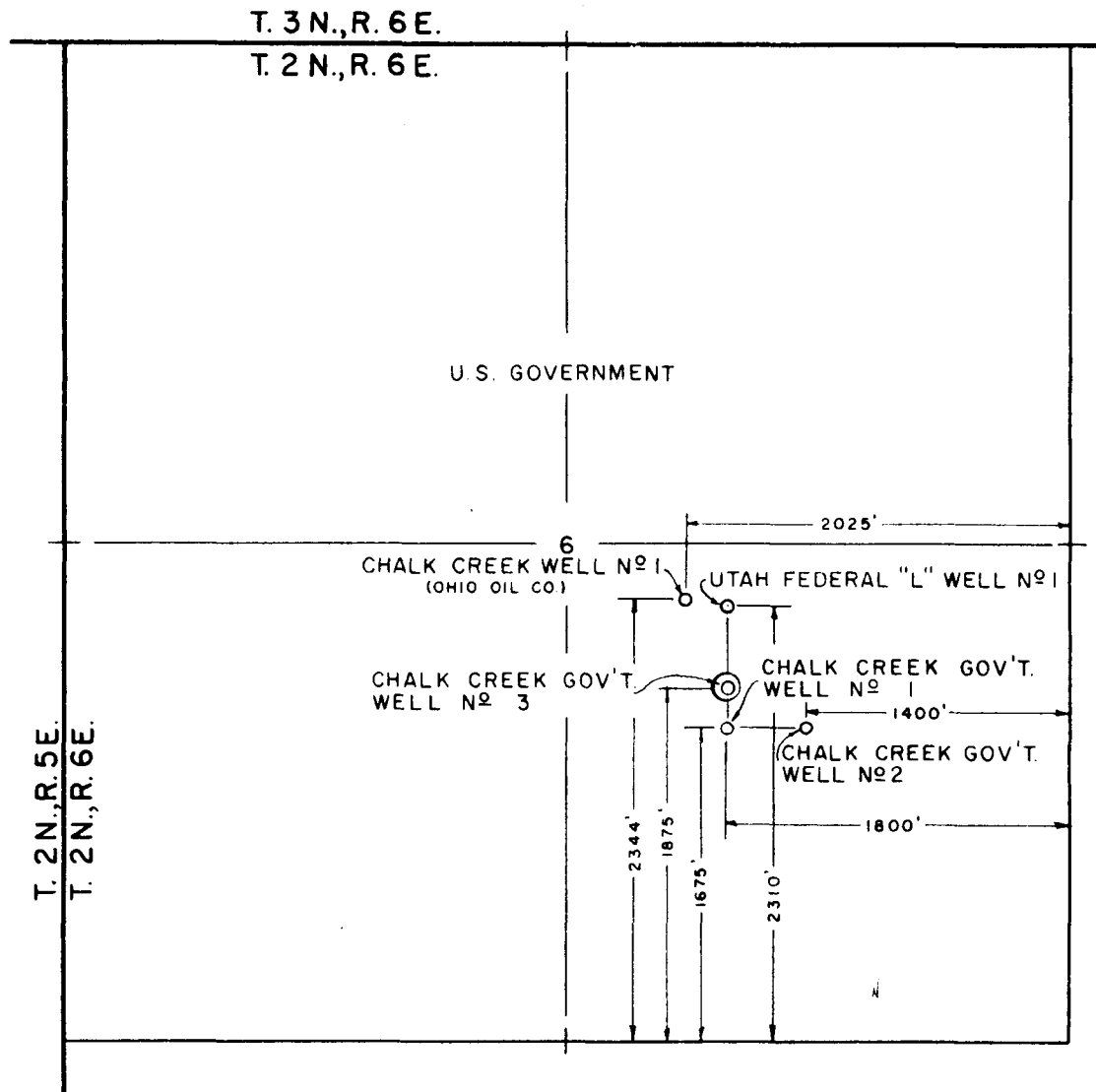
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. (Over)

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy [Signature]Title Vice President

location.

A stipulation to waive the provisions of 30 CFR 221.20 (a) has been filed with the Supervisor, United States Geological Survey, and upon receipt of the Supervisor's approval, a copy will be furnished for your files.

SL 117915



REVISIONS DESCRIPTION		DATE	BY	MOUNTAIN FUEL SUPPLY CO. ROCK SPRINGS, WYO.	
Chalk Creek Gov't. N <sup>o</sup> 2 location		7-5-60	RWM	WELL LOCATION MAP CHALK CREEK AREA SEC. 6, T. 2 N., R. 6 E. SUMMIT COUNTY, UTAH	
Chalk Creek Gov't. N <sup>o</sup> 3 Location		9-22-60	RGM		
				DRAWN 6-15-60 RWM	SCALE 1" = 1000'
				CHECKED KAL	DRWG. NO.
				APPROVED <i>[Signature]</i>	M-6361

September 20, 1960

Mountain Fuel Supply Co.  
P. O. Box 1129  
Rock Springs, Wyoming

Attention: Mr. Simon, Vice President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Chalk Creek Gov't. #3, which is to be located 1875 feet from the south line and 1800 feet from the east line of Section 6, Township 2 North, Range 6 East, SLM, Summit County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, this approval is conditional upon a Plat being filed with this office according to Rule C-4 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

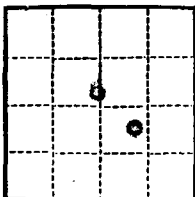
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:awg  
cc: Don F. Russell, Dist. Eng.  
U. S. Geological Survey  
Salt Lake City, Utah

Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. 070555  
Unit L.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 3 October 4, 1960

Well No. 3 is located 1675 ft. from NE line and 1800 ft. from E line of sec. 6

SE NW SE sec. 6

(1/4 Sec. and Sec. No.)

2N

(Twp.)

6E

(Range)

S. L. M.

(Meridian)

Chalk Creek area

(Field)

Summit

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 6556.5 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was spudded on September 26, 1960. At a depth of 183', the following surface casing was run into the well:

1 Weatherford Texas pattern shoe  
6 jts. 10-3/4" 32.75# N-40 8rmd thd ST&C casing

Net  
1.25'  
178.25'  
179.50'

Landed the above casing at 177.65' KBM. Cemented casing with 115 sacks regular cement. Rotated casing while circulating and mixing cement and had 7 barrels cement returns to surface. Pressure tested casing to 500 psi for 15 minutes; pressure test held good.

DET #1: Micron at depth of 1008'; packers failed.

DET #2: 912'-1008', Kelvin formation, tool open 70 minutes, shut in 30 minutes, gas to surface immediately. In 10 minutes gauged 396 Mof, increasing and leveling off at rate of 439 Mof per day. Recovered 200' gas cut mud. (Cont'd. on back)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129

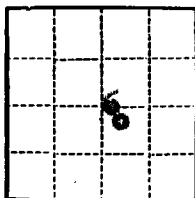
Rock Springs, Wyoming

By [Signature]

Title Vice President

1051 63  
ISIP 104 psi, IHHP 410 psi, ITP 104 psi, RTP 104 psi, FMSIP 104 psi, FMHP 410 psi.

Presently drilling at a depth of 1141'.

Form 9-331a  
(Feb. 1961)Budget Bureau No. 42-B358.4  
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt LakeLease No. 070555Unit Lease

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Got't. Well No. 3

October 18

1960

Well No. 3 is located 1875 ft. from XXX S line and 1800 ft. from E XXX line of sec. 6

SE NW SE sec. 6

(3/4 Sec. and Sec. No.)

2N

(Twp.)

6E

(Range)

S. L. M.

(Meridian)

Chalk Creek area

(Field)

Summit

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~ground~~ <sup>ground</sup> above sea level is 6536.5 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well was spudded on September 26, 1960. At a depth of 183', the following surface casing was run into the well:

1 Weatherford Texas pattern shoe

6 jts. 10-3/4' 32.75# H-40 Brnd thd STAC casing

Net  
1.25'

Gross

178.25'

179.50'

The above casing was landed at 177.65' KBM and cemented with 115 sacks regular cement with Howco equipment. Had 7 barrels of cement returns to surface. Pressure tested casing to 500 psi for 15 minutes; test held good.

TEST #1: Depth 1008', misrun, packer failed.

TEST #2: 912'-2008', Kelvin formation, tool open 70 minutes, shut in 30 minutes, gas to surface immediately; 10 minutes gauged 396 Mcf, increasing to 439 Mcf gas per day at end of test. Recovered 200' gas cut mud. IRMSIP 104 psi, (Cont'd. - over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, Wyoming

By

Title Vice President

INHP 410 psi, BHFP's 104 psi, FBHSIP 104 psi, FHHP 410 psi.

TEST #3: 1375'-1434', Kelvin formation, tool open 30 minutes, shut in 30 minutes, fair blow throughout test, no gas up. Recovered 1200' water. IBHSIP 544 psi, INHP 685 psi, IF 291 psi, FF 544 psi, FBHSIP 544 psi, FHHP 669 psi.

The subject well was drilled to a total depth of 1500 feet at which depth the following casing was run:

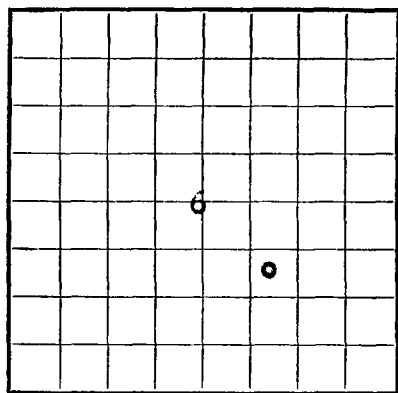
	Net	Gross
1 Howco formation packer shoe	2.88'	2.88'
1 Howco casing swivel	3.62'	3.88'
45 jts. 7" OD 20# J-55 Grade and STAC casing	1363.85'	1375.55'
	1370.35'	1382.31'

The above casing was landed at 1376.10' KBM and cemented with Howco equipment, using 295 sacks regular cement. A temperature survey indicated top of cement behind 7" OD casing at 513' KBM.

Drilled out cement plugs and cleaned out hole to total depth of 1500'. A swabbing test was run which indicated a recovery of 148 barrels of water in 1 hour 13 minutes. The well was shut in and the rig released on October 11, 1960. This well is completed as an observation well for the proposed gas storage project in this area.



Form 9-330

U. S. LAND OFFICE Salt Lake City  
SERIAL NUMBER 070555  
LEASE OR PERMIT TO PROSPECT L.

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Mountain Fuel Supply Company Address P. O. Box 1129, Rock Springs, Wyoming  
Lessor or Tract Chalk Creek Gov't. No. 3 Field Chalk Creek State Utah  
Well No. Gov't. 3 Sec. 6 T. 2N R. 6E Meridian S.L.M. County Summit  
Location 1875 ft. N. of S. Line and 1800 ft. XX of E. Line of section. Elevation 6564.10'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date November 8, 1960Title Vice President

The summary on this page is for the condition of the well at above date.

Commenced drilling September 26, 1960 Finished drilling October 7, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 912 to 1008 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 1376 to 1500 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8rnd	Spang	179.50'	Weatherford				surface
7	20.1	8rnd	Spang	179.50'	Howco				production
No tubing in well.									
HISTORY OF OIL OR GAS WELL									

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	1376.65	115	Displacement by Howco		16 bbls. water.
7	1376.10	295	Displacement by Howco		10 bbl water & 46 bbl mud
No tubing in well.					

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**FOLD | MARK**

DATE	TIME	DEPTH	TEMP.	WELL	WATER	WATER
10-3/4	177.65	115		Displacement	by Howco	16 bbls. water.
7	1376.10	295		Displacement	by Howco	10 bbl water & 46 bbl mud
No tubing in well.						

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

[illegible]

## SHOOTING RECORD

<b>Size</b>	<b>Shell used</b>	<b>Explosive used</b>	<b>Quantity</b>	<b>Date</b>	<b>Depth shot</b>	<b>Depth cleaned out</b>

## TOOLS USED

Rotary tools were used from 9 feet to 1500 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

October 11, 1960 Put to producing Well shut in for gas/1 purposes.

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

L. E. King, Driller                      E. O Asay, Driller

C. H. Mounce Driller F. L. Shaw Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			See attached formation record.
			(2) Electric logs enclosed

[OVER]

16--43094-4

### COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Chalk Creek Government Well No. 3

Area: Chalk Creek

Location: 1800 feet from East line, 1875 feet from South line, sec. 6, T. 2 N.,  
R. 6 E., Summit County, Utah

Elevation: 6556.5' feet, Ground - 6564.5 feet, Rotary Bushing

Drilling Commenced: September 26, 1960

Drilling Completed: October 8, 1960

Rig Released: October 11, 1960

Total Depth: 1500 feet

Casing: 10-3/4-inch at 177.65 feet w/115 sacks cement

7-inch at 1376.10 feet w/295 sacks cement

Productivity: None

Formation Tops: Kelvin - Surface to Total Depth

Remarks: Cored from 1343 feet to 1395 feet

Completed as Observation Well

---

### DRILL-STEM TESTS

<u>No.</u>	<u>Date</u>	<u>Total Depth</u>	<u>Bottom Packer</u>	<u>Sand</u>	<u>Min. Tool Open</u>	<u>Final BHFP</u>	<u>Final BHSIP</u>	<u>FHHP</u>	<u>Remarks</u>
1	10-4-60	1008							MISRUN. Packer seat failed.
2	10-4-60	1008	912	932-946 952-967 975-985 990-1008	70	104	104	410	Gas to surface immediately, max. gauge 439 MCF. Rec. 200' gas-cut mud.
3	10-9-60	1500	1375	1375-1434	30	544	544	669	Rec. 1200' water.

Farm Chalk Creek Government

Well No. 3

Company Mountain Fuel Supply

## FORMATION RECORD

From	To	
1170	1180	Same as above; sandstone, reddish-brown, very fine grained, soft, argillaceous, tight.
1180	1190	Same as above; no sandstone.
1190	1220	Shale as above, mostly gray and lavender.
1220	1240	Same as above, reddish-brown; sandstone, light brown, very fine grained, argillaceous, soft.
1240	1280	Shale, reddish-brown, sandy, soft, grading to sandstone, reddish-brown, very fine grained, argillaceous, soft; with some lavender and gray shale.
1280	1290	Shale, gray, lavender, soft; sandstone, light gray to white, very fine grained, argillaceous, firm, tight.
1290	1300	Shale as above, light to dark gray.
1300	1310	Sandstone, light gray to white, very fine to coarse grained, unsorted, subangular, firm, tight, with black, pink, and green grains.
1310	1320	Shale as above.
1320	1330	Shale, brown, soft, with scattered fine sand grains.
1330	1343	Shale, lavender, gray, brown, soft.

Core #1: 1343'-1372' Recovered 22'

- 0.5' - Shale, gray, silty, hard.
- 5.0' - Sandstone, light gray, fine grained, cross-bedded, massive, hard, tight, some with black laminations and several high angled calcite-filled fractures.
- 3.0' - Shale, black, hard with light gray siltstone, laminations and one siltstone streak 6" thick.
- 5.5' - Sandstone, light gray, very fine grained, hard, tight with dark cross laminations, vertical calcite-filled fracture length of interval.
- 8.0' - Shale, mottled reddish brown and dark green, silty, hard, no fractures.

Core #2: 1372'-1387' Recovered 10'

- 3.0' - Interlaminated shale, gray, silty, hard and sandstone, light gray, very fine grained, hard, argillaceous, tight with some high angled calcite filled fractures and a breccia zone 1' from top.
- 7.0' - Sandstone, light gray, fine to medium grained at bottom, hard, tight with black cross laminations, bottom 1.5' is breccia zone with dark gray shale fragments and light gray sandstone fragments, one high angled calcite filled fracture.

Core #3: 1387'-1395' Recovered 7.5'

- 7.5' - Sandstone, light gray, very fine grained, hard, tight with black cross laminations and some high angled closed calcite filled fractures, 85% yellow fluorescence, no odor.

1395	1450	Sandstone, light gray to white, fine to coarse grained, unsorted, hard, tight with dark grains. Yellow fluorescence.
1450	1480	Sandstone as above; increase in shale, variegated, silty, firm.
1480	1490	Sandstone as above; increase in shale as above.
1490	1500	Sandstone as above, poorly sorted, loose, subangular grains; shale, variegated as above.

TOTAL DEPTH - 1500'

Field Chalk Creek State Utah County Summit Sec. 6 T. 2 N. R. 6 E.

Company Mountain Fuel Supply Farm Chalk Creek Government Well No. 3

Location 1800' FEL, 1875' FSL Elev. 6556.5' Gr.  
6564.5' RB

Drilling Commenced September 26/1960 Completed October 8/1960

Rig Released October 11/1960 Total Depth 1500'

Casing Record 10-3/4-inch at 177.65 feet w/115 sacks cement  
7-inch at 1376.10 feet w/295 sacks cement

Tubing Record ---

Perforations ---

I. P. Gas No Production Oil ---

Sands ---

Shut-in Surface Pressures ---

Remarks Completed as Observation Well

Cored from 1343 feet to 1395 feet

FORMATION RECORD

FORMATION RECORD

	FROM	To
--KELVIN--	Surface	
No Samples	0	920
Shale, gray, brownish-red, brown, soft to hard, silty, noncalcareous; sandstone, white, fine grained, hard, well sorted, slightly calcareous, tight, with some orange and black grains; trace limestone, white to gray, hard, crystalline.	920	940
Shale as above; decrease in sandstone as above.	940	950
Sandstone, tan, very fine grained, friable to loose, calcareous, well sorted, subrounded grains, tight, no fluorescence; shale, variegated as above.	950	960
Decrease in sandstone as above; increase in shale as above.	960	970
Sandstone, gray, very fine to fine grained, calcareous, friable, some hard, fine grained, bentonitic, fair sorting, subrounded grains, no fluorescence; shale, gray, brownish-gray mottled, silty, firm.	970	981
Shale as above; sandstone as above.	981	988
Sandstone, tan, fine grained, friable to hard, tight, calcareous, well sorted, subrounded grains; with some black and red inclusions, no fluorescence; shale as above.	988	1004
Same as above; sandstone as above, and shale, red, silty and gray, soft.	1004	1020
Shale, gray and red, soft.	1020	1030
Shale, pink, sandy, clayey.	1030	1040
Shale, red, some green, gray, soft.	1040	1080
Same as above, some coarsely crystalline, hard; limestone, gray.	1080	1100
Shale as above; no limestone.	1100	1130
Shale, red, lavender, gray, green, soft.	1130	1170

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT \_\_\_\_\_

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Onaka Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG 1962, 19\_\_\_\_.

Agent's address P. O. Box 1128 989 Company MOUNTAIN FUEL SUPPLY COMPANY

ROCK SPRING, WYOMING

Signed F. L. Neely

Salt Lake City, Utah

Phone \_\_\_\_\_ Agent's title Office Manager

Divisional Chief Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Government Wells										
NW SE 6	2	6	1							Well head pressure 900#
NW SE 6	2	6	2							Observation Well Casing pressure 18# Tubing pressure 17#
NW SE 6	2	6	3							Gas withdrawn during Month Well head pressure 570#
SW SW 6	2	6	4							Water withdrawal Well Tubing pressure 900# Casing pressure 893#
Ohio Oil Co.										
NE SE 6	2	6	1							Observation Well Well head pressure 900#
Toyota Federal "I" Well										
NW SW 6	2	6	1							Observation Well Well head pressure 899#

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

Budget Bureau No. 43-2386.4  
Approval expires 12-31-55.

LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP, 1952.

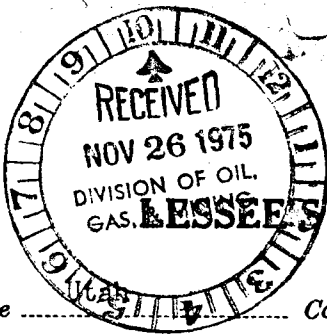
Agent's address P. O. Box 1128 582 Company MOUNTAIN FUEL SUPPLY COMPANY  
Rock Springs, Wyoming  
Salt Lake City, Utah Signed F. L. Neely

Phone \_\_\_\_\_ Agent's title OFFICE MANAGER  
Divisional Chief Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Production	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					Government Wells					
NW SE 6	2	6	1							Well head pressure 8964
NW SE 6	2	6	2							Observation Well Casing pressure 184 Tubing pressure 184
NW SE 6	2	6	3							Gas withdrawn during month Well head pressure 6124
SW SW 6	2	6	4							Water withdrawal well Tubing pressure 8994 Casing pressure 8864
					Ohio Oil Co.					
NE SE 6	2	6	1							Observation well Well head pressure 8974
					Texota Federal "L" Well					
NW SW 6	2	6	1							Observation well Well head pressure 8984

Note.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 3rd of the following month.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Report Form No. 43-1122A  
Approval expires 12-31-81

LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of Oct 1975, 19\_\_\_\_,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed D. Murphy

Phone 328-8315

Agent's title CHIEF ACCOUNTANT

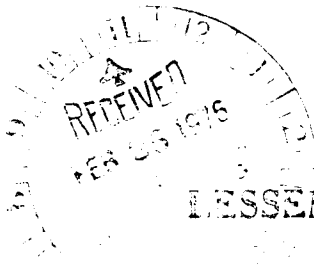
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					<u>Government Wells</u>					
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>1000</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>37</u> Tubing pressure <u>39</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>018</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>1053</u> Casing pressure <u>1049</u>
					<u>Ohio Oil Co.</u>					
NW SE 6	2N	6E	1							Observation well Well head pressure Casing Pressure <u>32</u> Tubing Pressure <u>1000</u>
					<u>Texota Federal "L" Well</u>					
NW SE 6	2N	6E	1							Observation well Well head pressure C-2 zone <u>1059</u> C-1 zone <u>018</u>

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-23344  
Approval expires 12-31-35

LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JAN, 1936.

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84139 Signed D. Murphy  
Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 36	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, shaft down, casing, date and result of test for gasoline content of gas)
Government Wells										
NE SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure _____
SW SE 6	2N	6E	2							Observation well Casing pressure _____ Tubing pressure _____
NE SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure _____
NE SW 6	2N	6E	4							Water withdrawal well Tubing pressure _____ Casing pressure _____
Ohio Oil Co.										
NE SE 6	2N	6E	1							Observation well Well head pressure _____
Texota Federal "L" Well										
NE SE 6	2N	6E	1							Observation well Well head pressure _____

Note.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42 K512.1  
LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT .....

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEB 1976, 19.....

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OR 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>922</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>42</u> Tubing pressure <u>42</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>772</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>926</u> Casing pressure <u>923</u>
OHIO OIL CO.										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>465</u> Tubing pressure <u>920</u>
TEXOTA FEDERAL "L" WELL										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>920</u> SI-Zone <u>734</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;  
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
District Bureau No. 42 2185 A  
and Office Salt Lake  
LEASE NUMBER 51657  
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAR 1976 19

Agent's address P.O. BOX 11368 Company MOUNTAIN WHEEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (none, 50 state)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>515</u>
NW SE 6	2N	6E	2							Observation Well casing pressure <u>50</u> tubing pressure <u>57</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>730</u>
SW SW 6	2N	6E	4							Water withdrawal well tubing pressure <u>595</u> casing pressure <u>595</u>
OHIO OIL CO.										
NW SE 6	2N	6E	1							Observation well Well head pressure <u>570</u> casing pressure <u>570</u> tubing pressure <u>575</u>
TEXOTA FEDERAL "I" WELL										
NW SE 6	2N	6E	1							Observation well Well head pressure <u>570</u> casing pressure <u>570</u> tubing pressure <u>575</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

LAND OFFICE Salt Lake  
LEASE NUMBER 970555  
UNIT                     

MAY 28 1978

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of APR 1978, 19      

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84139 Signed D. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>481</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>33</u> Tubing pressure <u>55</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>849</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>575</u> Casing pressure <u>544</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>453</u> Tubing pressure <u>432</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>451</u> SI-Zone <u>332</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329  
(January 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Bureau No. 42 KSAK-1  
Office Salt Lake  
Lease Number 070555  
Unit \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY 1976, 19\_\_\_\_

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>592</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>29</u> Tubing pressure <u>30</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>587</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>621</u> Casing pressure <u>596</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>439</u> Tubing pressure <u>590</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>538</u> SI-Zone <u>537</u>

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE Salt Lake  
LEASE NUMBER 070555  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1946

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed John J. Peppinger

Phone 534-5265

Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and with- drawal of gas during month. Well head pressure <u>577</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>27</u> Tubing pressure <u>27</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>520</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>633</u> Casing pressure <u>616</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>426</u> Tubing pressure <u>622</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>578</u> SI-Zone <u>584</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;  
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
Salt Lake  
LAND OFFICE  
LEASE NUMBER 070555  
UNIT

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUL 1976, 19  

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed John L. Peppinger

Phone 534-5265

Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW SE 6	2N	6E	1							Injection and withdrawal of gas during month. Well head pressure <u>607</u>
NW SE 6	2N	6E	2							Observation Well Casing pressure <u>25</u> Tubing pressure <u>25</u>
NW SE 6	2N	6E	3							Gas withdrawn during month. Well head pressure <u>608</u>
SW SW 6	2N	6E	4							Water withdrawal well Tubing pressure <u>638</u> Casing pressure <u>25</u>
<u>OHIO OIL CO.</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure Casing pressure <u>425</u> Tubing pressure <u>655</u>
<u>TEXOTA FEDERAL "L" WELL</u>										
NW SE 6	2N	6E	1							Observation well Well head pressure S-Zone <u>605</u> SI-Zone <u>607</u>

NOTE.—There were 10 runs or sales of oil; 10 M cu. ft. of gas sold;  
10 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329  
(January 1959)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Gas Storage Well		5. LEASE DESIGNATION AND SERIAL NO. SLC 070555
2. NAME OF OPERATOR Questar Pipeline Company (Formerly Mountain Fuel Resources)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 11450, Salt Lake City, UT 84147		7. UNIT AGREEMENT NAME Lease E. F. Parkinson
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side. See also space 17 below.) At surface SE, NW, SE, 1800' FEL, 1,875' FSL		8. FARM OR LEASE NAME Chalk Creek Gas Storage
14. PERMIT NO. 43-043-05007		9. WELL NO. MFS Co. Gov't No. 3
15. ELEVATIONS (Show whether of, at, or below) KB 6,564' CR 6,556'		10. FIELD AND POOL, OR WILDCAT Chalk Creek, Kelvin
16. DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 6, T2N, R6E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) See Below

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Questar Pipeline Company intends to carry out the following workover program to increase deliverability and secure the well with subsurface safety valve:

1. Clean out well to 1,500'
2. Set packer at 1,350'
3. Run seal assembly, safety valve and sliding side door on 2 7/8" tubing.
4. Acidize well with 800 gals. 7.5% HCl.

This program is scheduled to be started in June, 1989.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Reservoir Eng.

DATE April 20, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Approval of this action  
is required before commencing  
operations

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 5-4-89

BY John R. Byers

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. 81 0705

Communitization Agreement No.

Field Name Chalk Creek

Unit Name

Participating Area

County Summit

State Utah

Operator Mountain Fuel Supply Company

☒ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Oct 1977, 19

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & R of R	TWP	RNG	Well Status	Days Prod.	Barrels of Oil	MCFT of Gas	Barrels of Water	Remarks
GOVERNMENT WELLS									
1	NW SE6	2N	6E						Injection and withdrawal of gas during month. Well head pressure <u>839</u>
2	NW SE6	2N	6E						Observation well Casing pressure <u>23</u> Tubing pressure <u>23</u>
3	NW SE6	2N	6E						Gas withdrawn during month. Well head pressure <u>55</u>
4	SW SW6	2N	6E						Water withdrawal well. Tubing pressure <u>90</u> Casing pressure <u>70</u>

If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
#On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
#Produced	0	0	0
#Sold	0	0	XXXXXXXXXXXXXXXXXXXX
#Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
#Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
#Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
#Injected	0	0	0
#Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
#Other (Identify)	0	0	0
#On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
#API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Original Signed  
Authorized Signature: John J. Peppinger

P. O. Box 11368  
Address: Salt Lake City, Utah 84139

Title: Asst. Mgr. Gen'l. Accts.



# CHEM LAB

## WATER ANALYSIS EXCHANGE REPORT

MEMBER Mountain Fuel Supply Co.  
 OPERATOR Mountain Fuel Supply Co.  
 WELL NO. 3 Government  
 FIELD Chalk Creek  
 COUNTY Summit  
 STATE Utah

LAB NO. 9633 REPORT NO. 2-373  
 LOCATION Sec. 6-2N-6E  
 FORMATION Kelvin  
 INTERVAL 1376 - 1500  
 SAMPLE FROM Production  
 DATE Feb. 20, 1973

REMARKS & CONCLUSIONS: Cloudy water with clear filtrate.

Cations	mg/l	meq/l
Sodium	457	19.86
Potassium	8	0.20
Lithium		
Calcium	12	0.60
Magnesium	5	0.41
Iron	Present	Present
Total Cations		21.07

Anions	mg/l	meq/l
Sulfate	16	0.33
Chloride	76	2.14
Carbonate	96	3.20
Bicarbonate	939	15.40
Hydroxide	--	--
Hydrogen sulfide	Present	Present
Total Anions		21.07

Total dissolved solids, mg/l 1132  
 NaCl equivalent, mg/l 945  
 Observed pH 8.7

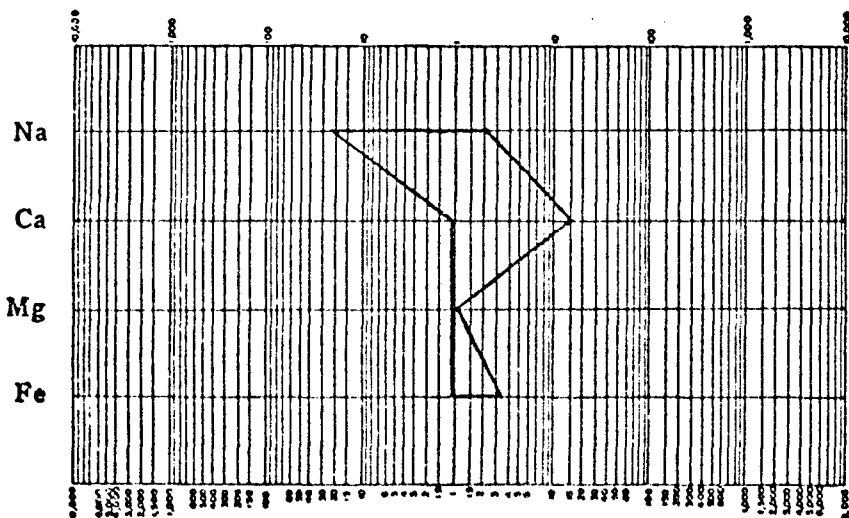
Specific resistance @ 68° F.:

Observed 6.35 ohm-meters  
 Calculated 6.30 ohm-meters

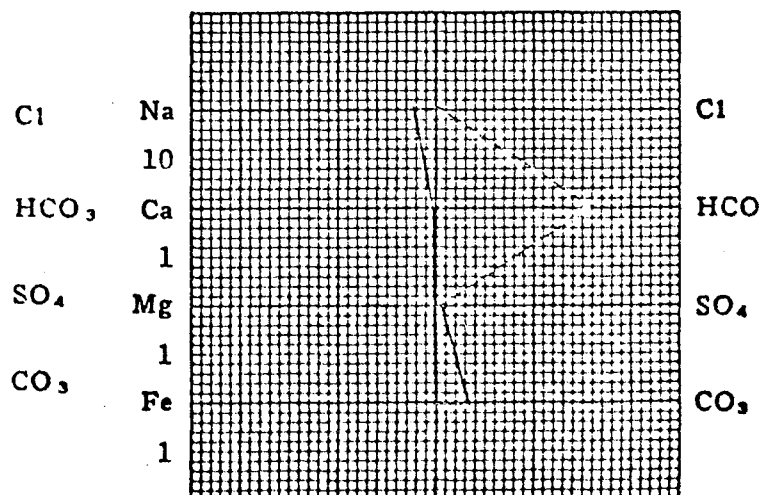
## WATER ANALYSIS PATTERNS

MEQ per unit

### LOGARITHMIC



### STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l=Milligrams per liter. Meq/l=Milligram equivalents per liter

Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or to recomplete a well. Use "APPLICATION FOR PERMIT" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> SLC 07055	
2. <b>NAME OF OPERATOR</b> Questar Pipeline Company		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b>	
3. <b>ADDRESS OF OPERATOR</b> P.O. Box 11450, Salt Lake City, UT 84147		7. <b>UNIT AGREEMENT NAME</b> Lease E. F. Parkinson	
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  SE, NW, SE 1,800' FEL 1,875' FSL		8. <b>FARM OR LEASE NAME</b> Chalk Creek Gas Storage	
14. <b>PERMIT NO.</b> 43-043-05007		9. <b>WELL NO.</b> MFS Co. Gov't No. 3	
15. <b>ELEVATIONS</b> (Show whether OF, ST, GR, etc.) KB 6,564' GR 6,556'		10. <b>FIELD AND POOL, OR WILDCAT</b> Chalk Creek, Kelvin	
		11. <b>SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> Sec. 6, T2N, R6E	
		12. <b>COUNTY OR PARISH</b> Summit	13. <b>STATE</b> Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) See Below	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Questar Pipeline Company has carried out the following workover program (started on July 1st and finished on July 8th).

1. Killed well and cleaned out to 1,500'
2. Acidized well with 800 gallons 7.5% HCl
3. Run pipe analysis log (Schlumberger) and set Otis WD packer at 1,335'
4. Run 2 7/8" O.D. tubing with sliding sleeve in open position and subsurface safety valve (both from Otis).

This well can flow through both tubing and annulus.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-7AS	
MICROFILM	
9/5/89 FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Reservoir Engineering

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X** Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

**3/7/1988****FROM: (Old Operator):**

N0680-Mountain Fuel Supply Company

180 E 100 S

Salt Lake City, UT 84139

Phone: 1-(801) 534-5267

**TO: ( New Operator):**

N7560-Questar Pipeline Company

PO Box 11450

Salt Lake City, UT 84147

Phone: 1-(801) 530-2019

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COALVILLE GAS STORAGE 1	09	020N	050E	4304310691	99990	Fee	GS	A
COALVILLE GAS STORAGE 2	10	020N	050E	4304330005	99990	Fee	GS	A
COALVILLE GAS STORAGE 3	10	020N	050E	4304330007	99990	Fee	GS	A
COALVILLE GAS STORAGE 4	10	020N	050E	4304330009	99990	Fee	GS	A
COALVILLE GAS STORAGE 5	10	020N	050E	4304330011	99990	Fee	GS	A
COALVILLE GAS STORAGE 6	10	020N	050E	4304330020	99990	Fee	GS	A
COALVILLE GAS STORAGE 7	10	020N	050E	4304330021	99990	Fee	GS	A
CHALK CREEK GOVT 4	06	020N	060E	4304305003	99990	Federal	GS	A
OHIO GOVT WELL 1 CHALK CREEK	06	020N	060E	4304305004	99990	Federal	GS	A
TEXOTA UTAH FED L 1	06	020N	060E	4304305005	99990	Federal	GS	A
CHALK CREEK GOVT 2	06	020N	060E	4304305006	99990	Federal	GS	A
CHALK CREEK GOVT 3	06	020N	060E	4304305007	99990	Federal	GS	A
CHALK CREEK GOVT 1	06	020N	060E	4304305008	99990	Federal	GS	A
CHALK CREEK GOVT 5	06	020N	060E	4304305009	99990	Federal	GS	A
CHALK CREEK GOVT 6	06	020N	060E	4304305018	99990	Federal	GS	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/14/20044. Is the new operator registered in the State of Utah: YES Business Number: 649172-0142

5. If NO, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

n/a

10. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on:

1/29/2004

2. Changes have been entered on the Monthly Operator Change Spread Sheet on:

1/29/2004

3. Bond information entered in RBDMS on:

1/29/2004

4. Fee wells attached to bond in RBDMS on:

1/29/2004

5. Injection Projects to new operator in RBDMS on:

n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number:

n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:

965002976

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number:

n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number

965003033

2. The FORMER operator has requested a release of liability from their bond on:

N/A

The Division sent response by letter on:

N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

**COMMENTS:**

3100  
U-09712-A  
et al  
(U-942)  
*C. Seare*  
*3/9/89*

DECISION

Questar Pipeline Company : Oil and Gas Leases  
P.O. Box 11450 : U-09712-A et al  
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

**/s/ M. Willis**

**ACTING**

Chief, Minerals  
Adjudication Section

Enclosure  
List of Leases

cc: All District Offices, Utah  
MMS, AFS  
MMS, BRASS  
920, Teresa Thompson  
Clay Basin Unit File

CSeare:s1 3/9/89:1642f

RECEIVED

JAN 28 2004

DIV. OF OIL, GAS & MINING

List of Leases

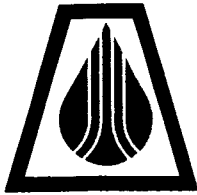
Overriding Royalties

U-09712-A  
U-011246

Operating Rights

SL-045051-A & B  
SL-045053-A & B  
SL-062508  
SL-0700555  
SL-070555-A  
SL-045049-A & B

Clay Basin Gas Storage Agreement  
Agreement No. 14-08-0001-16009



## QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400  
June 23, 1988

CERTIFIED MAIL  
RETURNED RECEIPT REQUESTED  
#P 879 571 459

Bureau of Land Management  
Utah State Office  
CFS Financial Center  
324 S. State Street  
Salt Lake City, UT 84111-2303

Re: Name Change  
Mountain Fuel Resources, Inc.  
to Questar Pipeline Company

Gentlemen:

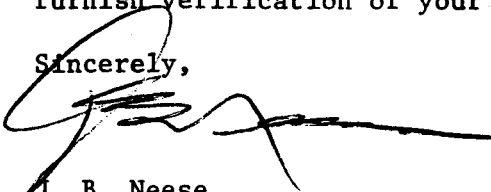
Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

*Nowells on gas field with CA*  
CA well - RT & OR's Mt. Fuel Resources - U<sup>9712-A</sup> - Questar 100%  
U<sup>11246</sup> Amendment pending to "Questar Energy Co."  
SLC-045051(A) > OR'S  
SLC-045051(B) > OR'S  
SLC-045053(A) > OR'S  
SLC-045053(B) > OR'S  
SLC-062508 - OR'S  
SLC-070555 - OR'S  
SLC-070555(A) - OR'S  
? Agreement No. 14-08-0001-16009  
(Clay Basin Gas Storage Agreement)

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,

  
J. B. Neese  
Senior Landman

JBN/sdg

Enclosure



# NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twtnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304305003	06	020N	060E	Chalk Creek Gov 4	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305004	06	020N	060E	Ohio Govt Well Chalk Creek	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305005	06	020N	060E	Texota Utah Fed L 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305006	06	020N	060E	Chalk Creek Gov 2	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305007	06	020N	060E	Chalk Creek Gov 3	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305008	06	020N	060E	Chalk Creek Gov 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305009	06	020N	060E	Chalk Creek Gov 5	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305018	06	020N	060E	Chalk Creek Gov 6	99990 to 14039	2/10/2004	Chalk Creek Gas Storage

Note to file: These entity numbers  
were changed to compliment the  
operator correction from 3/7/98

2/10/2004